Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 23 Dec 2021 until 23:59 on Friday 24 Dec 2021

Forecast Issued on Wednesday 22 Dec 2021 at 16:14

Confidence: High for unsettled throughout the forecast period and generally rather cloudy but lower with regard to timing of more persistent precipitation and the details of any snow.

Headline for Thursday 23 Dec 2021: Cloudy with outbreaks of occasionally heavy rain. Feeling cold in the strong winds

Mountain weather hazards on Thursday 23 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Light rain	Heavy Rain	Light rain	Cloudy
Precipitation probability							
20%	30%	30%	40%	70%	80%	50%	40%

Forecast for Thursday 23 Dec 2021

Weather: Cloudy with patchy light rain and drizzle at first, the rain becoming more persistent and occasionally heavy towards midday. During the late afternoon the rain becomes more occasional and lighter again.

Chance of cloud free mountain/hill tops above 600m: Close to zero throughout.

Visibility: Periods or persistent cloud above about 450-600m with patches below. Below the cloud visibility rather hazy falling to just a few kilometres in drizzle and heavier rain.

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Met Office Mountain Weather Forecast

Forecast for Thursday 23 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 S	14/19 S	12/18 S	11/17 S	12/18 S	15/22 S	20/30 SW	19/29 W	17/24 W
300	3/10 SE	3/10 SE	4/10 SE	4/10 S	5/11 SE	6/15 S	14/28 SW	13/27 W	11/22 W
Valley	3/10 N	3/11 N	4/9 W	4/10 SW	5/10 E	6/17 S	11/24 SW	11/24 SW	9/20 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	5/1	4/0	5/1	6/2	6/2	6/1	6/1	5/1
300	4/2	4/3	5/4	5/4	6/5	7/6	8/4	7/4	7/4
Valley	5/3	6/4	6/5	7/6	8/7	9/7	9/6	8/6	8/6
Freezing Level*	1900m	2000m	1900m	2000m	2400m	2300m	1800m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold over the higher summits, especially in the afternoon, around 40mph over ridges and summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 22 Dec 2021	0.6mm	0.6mm	0.6mm

Forecast for Friday 24 Dec 2021

Weather: Rain and drizzle become patchier through the early hours but remaining rather cloudy. Best chance of any brighter skies expected across eastern hills through the morning. However more persistent rain, and perhaps some summit snow, is expected to edge northeast through the evening.

Maximum wind: Westerly 20mph backing more easterly 10mph through the morning before increasing 20-25mph, gusts around 40mph over ridges and summits, through the late afternoon and evening with an increasing chill effect.

Chance of cloud free mountain/hill tops above 600m: Around 30% across eastern hills through the morning, otherwise little chance.

Visibility: Periods or more persistent cloud 450-600m but cloud more occasional at times in the east through the morning. Otherwise visibility good falling to several kilometres in rain and a kilometre of less in summit snow later.

Temperature: **Valleys:** Plus 5 or 6 Celsius rising to plus 8 Celsius by day
At 600m: Plus 5 Celsius falling to plus 2 Celsius in evening
Freezing level: Above the summits

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